

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                                      | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|--|------------------|---------|------------------|
| L1    | 1708   | 423/341,342,343,481,488,240s.cds.  | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/30 14:30 |
| L2    | 213525 | hydrogen\$1carbonate\$1 or bi\$1carbonate\$1 or hydrogen adj carbonate or trona or "nahco.sub.3" or sesqui\$1carbonate                 | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/30 14:31 |
| L3    | 141910 | (metal or alkali or aluminum or all or iron or ferric or ferrous or fe) near5 chloride or "acl. sub.3" or "fecl.sub.2" or "fecl.sub.3" | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/30 14:31 |
| L4    | 2690   | 2 with 3   | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/30 14:31 |
| L5    | 5      | 1 and 4  | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/30 14:31 |
| S1    | 2      | wo-2004096707-\$ did.  | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:45 |
| S2    | 165    | (chloro\$2silane\$2 or tri\$1chlorosilane\$2) near10 (ash or residue or waste)   | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:32 |
| S3    | 38     | hirano-hachiro\$.in.   | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:35 |
| S4    | 77     | mori-yoichi\$.in.  | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:35 |
| S5    | 106    | S3 S4  | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:35 |
| S6    | 26     | hydrogen\$1carbonate\$1 and S5   | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:37 |
| S7    | 24     | S6 and chloride  | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:39 |
| S8    | 141859 | (metal or alkali or aluminum or all or iron or ferric or ferrous or fe) near5 chloride or "acl. sub.3" or "fecl.sub.2" or "fecl.sub.3" | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:44 |
| S9    | 213185 | hydrogen\$1carbonate\$1 or bi\$1carbonate\$1 or hydrogen adj carbonate or trona or "nahco.sub.3"                                       | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:48 |
| S10   | 2682   | S8 with S9   | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:48 |
| S11   | 26078  | (remov\$4 or react\$4 or eliminat\$4) near10 S8  | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:49 |
| S12   | 132    | S9 near10 S11  | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:50 |
| S13   | 14204  | S9 near5 (powder or granul\$5 or solid or particle or particulate or pellet)   | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:53 |
| S14   | 3      | S12 with S13   | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:53 |
| S15   | 6972   | S8 near5 (powder or granul\$5 or solid or particle or particulate or pellet)   | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:55 |
| S16   | 7      | S12 and S13 and S15  | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 10:55 |
| S17   | 10     | breneman-william\$.in.   | US-PGPUB; USPAT                          | OR               | ON      | 2008/09/25 11:00 |

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|-----|--------|--|---|----|----|---------------------|
| S18 | 3248   | S8 with (waste or ash or residue or effluent)  | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/25<br>11:03 |
| S19 | 4      | S12 and S18 and S13  | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/25<br>11:04 |
| S20 | 330    | (remov\$4 or react\$4 or eliminat\$4) with S10   | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/25<br>11:05 |
| S21 | 8      | S20 and S18 and S13  | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/25<br>11:05 |
| S22 | 4      | S21 not S19  | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/25<br>11:05 |
| S23 | 3      | S2 and S12   | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/25<br>11:17 |
| S24 | 191475 | (sodium or na or alkali near2 metal) near5 chloride or nadl  | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/25<br>11:18 |
| S25 | 1      | S12 with S24   | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/25<br>11:18 |
| S26 | 1      | 2001wo-ep13507.ap,prai.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/09/25<br>11:21 |
| S27 | 1      | 2002-500523.NRAN.  | DERWENT   | OR | ON | 2008/09/25<br>11:21 |
| S28 | 8      | S24 with vapor near2 pressure with S8  | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/25<br>11:22 |
| S29 | 213190 | hydrogen\$1carbonate\$1 or bi\$1carbonate\$1 or hydrogen adj carbonate or trona or "nahco.sub.3" sequi\$1carbonate\$1  | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/27<br>20:38 |
| S30 | 146510 | (metal or alkali or aluminum or all or iron or ferric or ferrous or fe) near5 (chloride or di\$1chloride\$1 or tri\$1chloride\$1) or "alcl. sub.3" or "fecl.sub.2" or "fecl.sub.3" | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/27<br>20:39 |
| S31 | 1246   | S29 near10 S30   | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/27<br>20:39 |
| S32 | 87     | S29 near10 (react\$6) near10 S30   | US-PGPUB;<br>USPAT                                | OR | ON | 2008/09/27<br>20:40 |
| S33 | 0      | 2002jp-10614.ap,prai.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/09/27<br>21:19 |
| S34 | 1      | 2002jp-010614.ap,prai.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/09/27<br>21:19 |
| S35 | 1      | 2002wo-jp10614.ap,prai.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/09/27<br>21:19 |
| S36 | 1      | 2003-421301.NRAN.  | DERWENT   | OR | ON | 2008/09/27<br>21:19 |
| S37 | 2      | jp-03199116\$.did.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/09/28<br>10:32 |
| S38 | 1      | 1991-186203.NRAN.  | DERWENT   | OR | ON | 2008/09/28<br>10:32 |

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|-----|---|---------------|--------------------|----|----|---------------------|
| S39 | 1 | "5080804".pn. | US-PGPUB;<br>USPAT | OR | ON | 2008/09/30<br>10:17 |
| S40 | 1 | "4690810".pn. | US-PGPUB;<br>USPAT | OR | ON | 2008/09/30<br>11:14 |

9/30/08 2:32:44 PM

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